

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. *(Currently Amended)* A sensor in a car window, comprising:
a camera lens that is provided on ~~[[the]]~~ an inner side of a sloping windowpane to condense light coming from an object to be detected that is located outside the windowpane;
a sensor main body that detects the object to be detected by means of the light that has passed through the lens; and
a transparent member that is provided between the windowpane and the lens to refract the light from the object to be detected that has passed through the windowpane.

2. *(Original)* A sensor in a car window according to Claim 1, wherein the area between the windowpane and the lens is covered by a hood for blocking unwanted light coming from other than an object to be detected.

3. *(Original)* A sensor in a car window according to Claim 1, wherein the transparent member is disposed in parallel to the windowpane.

4. *(Original)* A sensor in a car window according to Claim 1, wherein a light-shielding member for blocking unwanted light coming from other than an object to be detected is provided between the windowpane and the lens.

5. *(Original)* A sensor in a car window according to Claim 1, wherein the transparent member is attached to the windowpane by a light transmitting adhesive agent.

6. *(Original)* A sensor in a car window according to Claim 1, wherein the transparent member is provided with a light shielding/absorbing means for blocking or absorbing unwanted light coming from other than an object to be detected.

7. *(Currently Amended)* A sensor in a car window according to Claim 6, wherein the light shielding/absorbing means is ~~Japanese~~ ink.

8. *(Currently Amended)* A sensor in a car window according to Claim ~~[[1]]~~ 2, wherein the hood is provided with a breathable dustproof filter.

9. *(Original)* A sensor in a car window according to Claim 1, wherein the transparent member is a transparent glass pane.

10. *(Original)* A sensor in a car window according to Claim 1, wherein the sensor main body is formed of a camera main body.

Please add the following new claims:

11. *(New)* A sensor in a car window, comprising:

a lens that is provided on an inner side of a sloping windowpane to condense light coming from an object to be detected that is located outside the windowpane;

a sensor main body that detects the object to be detected by means of the light that has passed through the lens; and

a transparent member that is provided between the windowpane and the lens to refract the light from the object to be detected that has passed through the windowpane,

wherein the transparent member is provided with a light shielding/absorbing means for blocking or absorbing unwanted light coming from other than an object to be detected.

12. *(New)* A sensor in a car window according to Claim 11, wherein the light shielding/absorbing means is ink.

13. (*New*) A sensor in a car window, comprising:

a lens that is provided on an inner side of a sloping windowpane to condense light comprising from an object to be detected that is located outside the windowpane;

a sensor main body that detects the object to be detected by means of the light that has passed through the lens; and

a transparent member that is provided between the windowpane and the lens to refract the light from the object to be detected that has passed through the windowpane,

wherein the area between the windowpane and the lens is covered by a hood for blocking unwanted light coming from other than an object to be detected, and

wherein the hood is provided with a breathable dustproof filter.

14. (*New*) A sensor in a car window according to Claim 1, wherein the sensor main body is operable to detect light rays projected from the object which are parallel to a traveling direction of the car.

15. (*New*) A sensor in a car window according to Claim 1, wherein the lens is configured such that the lens receives light rays which are shifted upward from the windowpane.

16. (*New*) A sensor in a car window according to Claim 1, wherein the lens is configured such that after the light passes through the windowpane, the light's maximum optical path is reduced by the transparent member.